"COOL WAVE"

SPECIFICATION

To the Commissioner of Patents and Trademarks:

Your petitioner, António Fernando Melo e Silva, a citizen of Portugal, and a resident of Lousado – V. N. Famalicão, prays that letters patented may be granted for the invention "COOL WAVE" as set forth in the following specification:

- ## Descriptive title of the invention

The name of this invention "COOL WAVE", represents the process to create news designs, based in the represented original drawing in figure 1.1, which was inspired in waves of the sea.

- Cross Reference to Related Applications

"COOL WAVE", has many applications, the resultant drawings of the process "COOL WAVE", can be applied in patterns, graphic symbols, logos and other things, which can be used in textiles, publicity, ceramics and other industries.

- Background of the Invention

"COOL WAVE" is a process based on geometric figure, created from a computer programme, belongs to the Class 345 – Computer Graphics Processing, and the Subject Matter for this invention is a Utility Patent, which is more adequate.

The geometric figure represented in the figure 1.1, was emerged in 1997, with the programme Paint Brush in Windows 3.11, later in 1998, I renewed the design in the programme Paint of Mac OS 8.6 and I have registered with S.P.A. (Society Portuguese Authors) with the reg. N° 08D/AR/DC in 04\14\1998 with the name "OVO" (egg).The geometric figure appears inside the egg in the middle. During the year of 2004, I made a lot of registers of drawings based on the process "COOL WAVE". I registered a source of letters with n° 000161062 – 0001 \ 000178124 - 0001 to 0003 and a lot of patterns, with n° 000178124 – 0004 to 0015 and 0017 to 0020 in C.E.E. to the (O.H.I.M.).

- Brief Summary of the Invention

"COOL WAVE" is a process based in geometric figure, which when if it combines two or more figures (figure 1.1) between itself in the most varied positions and proportional sizes, it results in a great variety of news drawings.

- Brief Description of the Drawings

I have drawn seven figures to confirm the applications of my invention:

Figure 1.1 is the geometric figure only, in two different but proportional sizes.

Figure 1.2 is a pattern, which employs the geometric figure with the same size.

Figure 1.3 is a pattern, which employs the geometric figure with the same size.

Figure 1.4 is a graphic symbol, prints "A", which employs the geometric figure with different but proportional sizes.

Figure 1.5 is a graphic symbol, prints "F", which employs the geometric figure with different but proportional sizes.

Figure 1.6 is a graphic symbol, prints "M", which employs the geometric figure with different but proportional sizes.

Figure 1.7 is a graphic symbol, prints "S", which employs the geometric figure with the same sizes.

- Detailed Description

"COOL WAVE" is a process to get drawings from a geometric figure (figure 1.1), which is composed for two lines sinusoidal; the lines intersect on the initial point and intersect also in the closure, the figure is pointed on the two extremities. This figure is used in all its dimension, not having thus a specific position.

The gotten drawings result of the combination of this geometric figure with its proper image or images, in same or varied sizes, but keeping the same ratios. The combinations between this figure and its image, can be gotten from established linking's between the extremities or the extremity and any point of its image and the figure could be intersected by its image in any point. This figure can still be manipulated in way to be placed in the most varied angles in relation its original position. Getting thus news drawings from different combinations of the same source (figure 1.1)